

S. Prasad

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Page 1 of 6  
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**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/491,982

DATE: 06/26/2001

TIME: 16:03:22

Input Set : N:\Crf3\06052001\I491982.raw

Output Set: N:\CRF3\06262001\I491982.raw

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1 <110> APPLICANT: Shaughnessy, S.
2   Austin, R.
3 <120> TITLE OF INVENTION: OSTEOPOROSIS TREATMENT
4 <130> FILE REFERENCE: MDSP-P02-180
5 <140> CURRENT APPLICATION NUMBER: US/09/491,982
6 <141> CURRENT FILING DATE: 2000-01-27
7 <150> PRIOR APPLICATION NUMBER: 09/314,152
8 <151> PRIOR FILING DATE: 1999-05-19
9 <160> NUMBER OF SEQ ID NOS: 11
10 <170> SOFTWARE: PatentIn Ver. 2.1
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13 <211> LENGTH: 20
14 <212> TYPE: PRT
15 <213> ORGANISM: Homo sapiens
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19   Pro His Phe Leu
20               20
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25 <213> ORGANISM: Homo sapiens
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30               20
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33 <211> LENGTH: 1140
34 <212> TYPE: DNA
35 <213> ORGANISM: Mus musculus
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39   ggcaggcccg tgatgctgtg ctgccccgga gtgagtgtg ggactccagt gtcctgggtt 180
40   cgggatggag attcaaggct gctccaggga cctgactctg ggtaggaca caaactgggtc 240
41   ttggcccagg tggacagccc tgatgaaggc acttatgtct gccagaccct ggatgggtgta 300
42   tcaggggggca tggtgaccct gaagctgggc tttccccag cacgtcctga agtctcctgc 360
43   caagcggtag actatgaaaa cttctcctgt acttggagtc caggccaggt cagcgggttg 420
44   cccaccgcgt accttacttc ctacaggaag aagacgctgc caggagctga gagtccagagg 480
45   gaaagtcctat ccaccgggccc ttggccgtgt ceacaggacc ctctggaggc ctcccgatgt 540
46   gtggtccatg gggcagagtt ctggagttag taccggatca atgtgaccga ggtgaaccca 600
47   ctgggtgccg gcacgtgcct actggatgtg agattacaga gcatcttgcg tcctgatcca 660
48   ccccaaggac tgcgggtgga atccgtacct agttaccga gacgcctgca tgccagctgg 720
49   acataccctg cctcctggcg tcgccaaacc cactttctgc tcaagttccg gttgcaatac 780
50   cgaccagcac agcatccagc gtggtccacg gtggagccca ttggcttgga ggaagtgata 840
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51      acagatgctg tggctgggct gccacacgcg gtacgagtca gtgccaggga ctttctggat 900
52      gctggcacct ggagcgcctg gagcccagag gcctggggta ctctagcac tgggtcccctg 960
53      caggatgaga tacctgattg gagccaggga cacggacagc agctagaggc agtagtagct 1020
54      caggaggaca gcccggtcc tgcaaggcct tccttgacgc cggaccaag gccacttgat 1080
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71      1              5
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81      20
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85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <221> NAME/KEY: SITE
89 <222> LOCATION: (4)
90 <223> OTHER INFORMATION: Xaa=basic amino acid
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92      peptide
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103      1              5              10              15
104      Pro Ser Tyr Pro

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112 <221> NAME/KEY: SITE
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126 <213> ORGANISM: Mus musculus
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135 <400> SEQUENCE: 11
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139           20               25               30
140   Pro Gly Val Gln Tyr Gly Gln Pro Gly Arg Ser Val Lys Leu Cys Cys
141       35               40               45
142   Pro Gly Val Thr Ala Gly Asp Pro Val Ser Trp Phe Arg Asp Gly Glu
143       50               55               60
144   Pro Lys Leu Leu Gln Gly Pro Asp Ser Gly Leu Gly His Glu Leu Val
145       65               70               75               80
146   Leu Ala Gln Ala Asp Ser Thr Asp Glu Gly Thr Tyr Ile Cys Gln Thr
147           85               90               95
148   Leu Asp Gly Ala Leu Gly Gly Thr Val Thr Leu Gln Leu Gly Tyr Pro
149           100              105              110
150   Pro Ala Arg Pro Val Val Ser Cys Gln Ala Ala Asp Tyr Glu Asn Phe
151       115              120              125
152   Ser Cys Thr Trp Ser Pro Ser Gln Ile Ser Gly Leu Pro Thr Arg Tyr
153       130              135              140
154   Leu Thr Ser Tyr Arg Lys Lys Thr Val Leu Gly Ala Asp Ser Gln Arg
155       145              150              155              160
156   Arg Ser Pro Ser Thr Gly Pro Trp Pro Cys Pro Gln Asp Pro Leu Gly

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157				165				170				175				
158	Ala	Ala	Arg	Cys	Val	Val	His	Gly	Ala	Glu	Phe	Trp	Ser	Gln	Tyr	Arg
159				180				185						190		
160	Ile	Asn	Val	Thr	Glu	Val	Asn	Pro	Leu	Gly	Ala	Ser	Thr	Arg	Leu	Leu
161				195				200					205			
162	Asp	Val	Ser	Leu	Gln	Ser	Ile	Leu	Arg	Pro	Asp	Pro	Pro	Gln	Gly	Leu
163		210					215				220					
164	Arg	Val	Glu	Ser	Val	Pro	Gly	Tyr	Pro	Arg	Arg	Leu	Arg	Ala	Ser	Trp
165		225				230					235					240
166	Thr	Tyr	Pro	Ala	Ser	Trp	Pro	Cys	Gln	Pro	His	Phe	Leu	Leu	Lys	Phe
167				245						250					255	
168	Arg	Leu	Gln	Tyr	Arg	Pro	Ala	Gln	His	Pro	Ala	Trp	Ser	Thr	Val	Glu
169				260					265					270		
170	Pro	Ala	Gly	Leu	Glu	Glu	Val	Ile	Thr	Asp	Ala	Val	Ala	Gly	Leu	Pro
171			275					280					285			
172	His	Ala	Val	Arg	Val	Ser	Ala	Arg	Asp	Phe	Leu	Asp	Ala	Gly	Thr	Trp
173		290					295					300				
174	Ser	Thr	Trp	Ser	Pro	Glu	Ala	Trp	Gly	Thr	Pro	Ser	Thr	Gly	Thr	Ile
175		305				310					315					320
176	Pro	Lys	Glu	Ile	Pro	Ala	Trp	Gly	Gln	Leu	His	Thr	Gln	Pro	Glu	Val
177				325						330					335	
178	Glu	Pro	Gln	Val	Asp	Ser	Pro	Ala	Pro	Pro	Arg	Pro	Ser	Leu	Gln	Pro
179			340					345					350			
180	His	Pro	Arg	Leu	Leu	Asp	His	Arg	Asp	Ser	Val	Glu	Gln	Val	Ala	Val
181			355					360					365			
182	Leu	Ala	Ser	Leu	Gly	Ile	Leu	Ser	Phe	Leu	Gly	Leu	Val	Ala	Gly	Ala
183		370					375					380				
184	Leu	Ala	Leu	Gly	Leu	Trp	Leu	Arg	Leu	Arg	Arg	Gly	Gly	Lys	Asp	Gly
185		385				390				395						400
186	Ser	Pro	Lys	Pro	Gly	Phe	Leu	Ala	Ser	Val	Ile	Pro	Val	Asp	Arg	Arg
187				405						410				415		
188	Pro	Gly	Ala	Pro	Asn	Leu										
189				420												

VERIFICATION SUMMARY

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Input Set : N:\Crf3\06052001\I491982.raw

Output Set: N:\CRF3\06262001\I491982.raw

L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

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